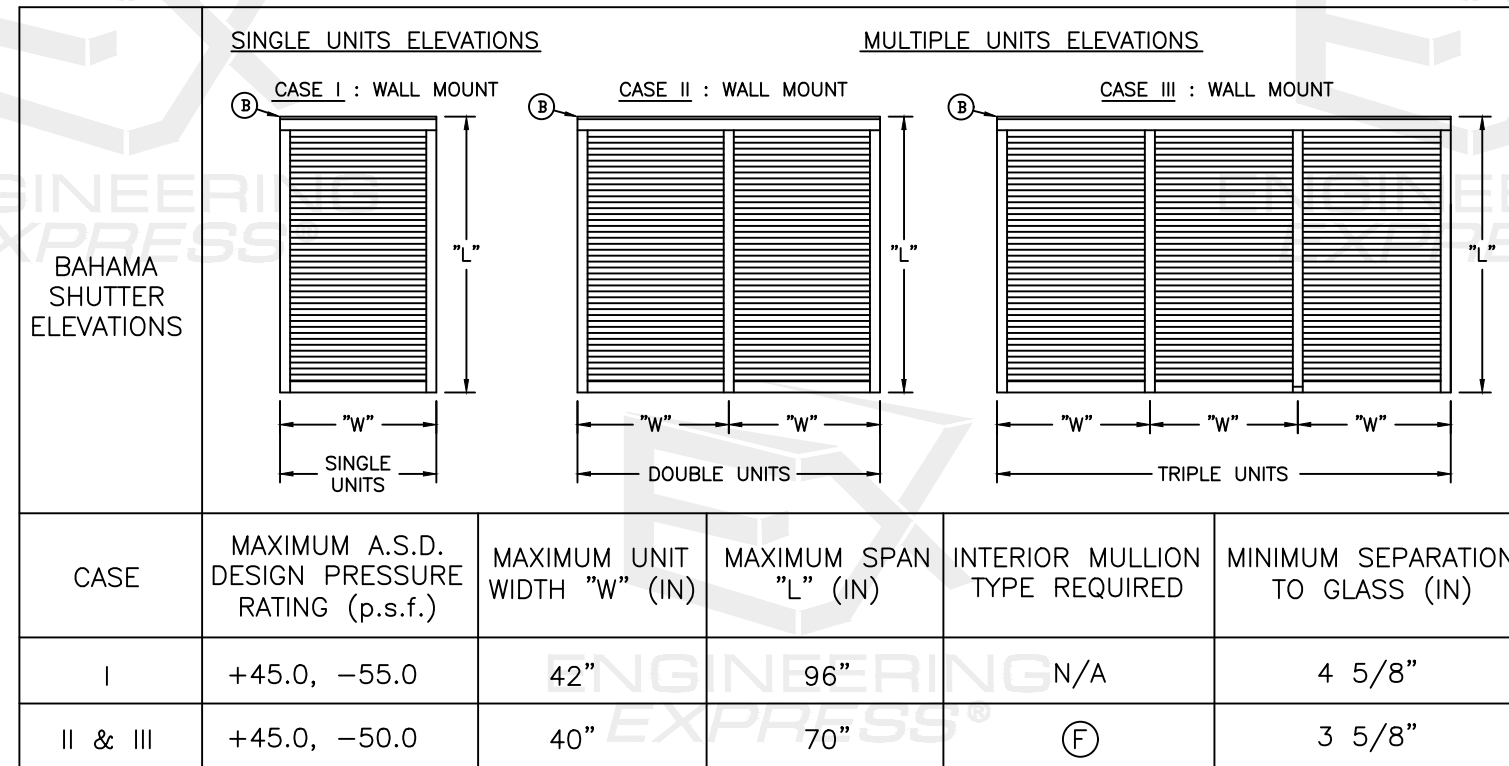


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MAXIMUM SHUTTER SPAN "L"(IN) MAXIMUM SHUTTER WIDTH "W"(IN) FOR SINGLE (CASE I) & MULTIPLE (CASES II & III) UNITS FOR A CORRESPONDING A.S.D. DESIGN PRESSURE RATING FOR INSTALLATIONS INTO POURED CONCRETE, CONCRETE BLOCK OR WOOD SUBSTRATES



MAXIMUM ANCHOR SPACING AT TOP FEMALE HINGES
FOR SINGLE (CASE I) & MULTIPLE (CASES II & III) UNITS

CASE	WOOD SOUTHERN PINE #2	POURED CONCRETE (3 KSI MIN)	HOLLOW OR GROUT FILLED CMU* (MED. WT. C-90 MIN.)
I	12"	12"	7 1/2"
II & III	7 1/2"	12"	7 1/2"

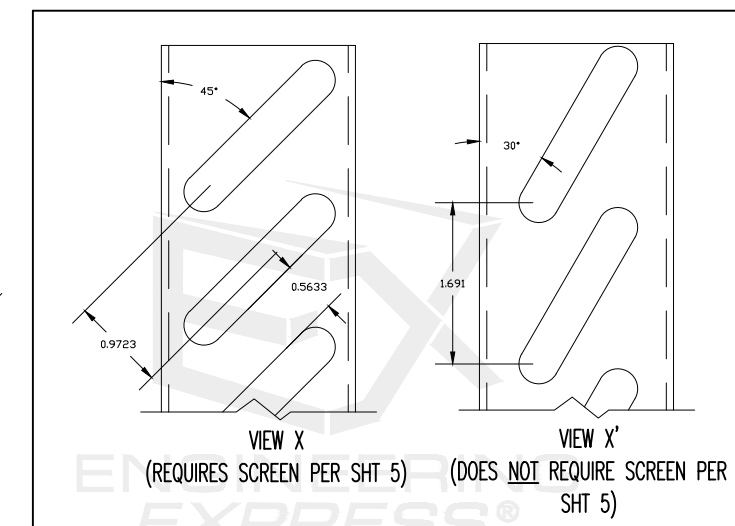
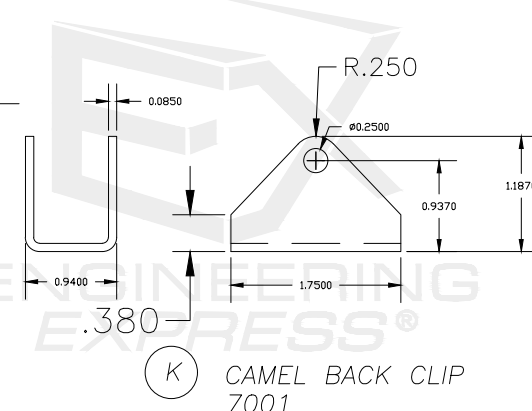
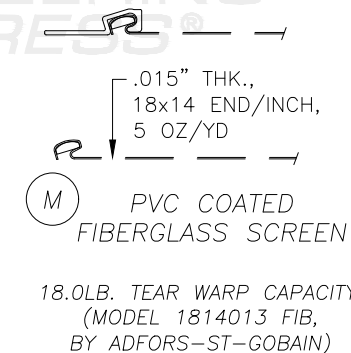
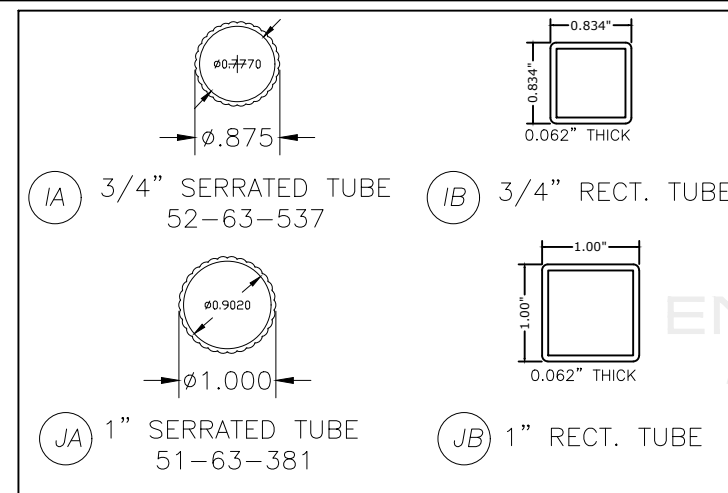
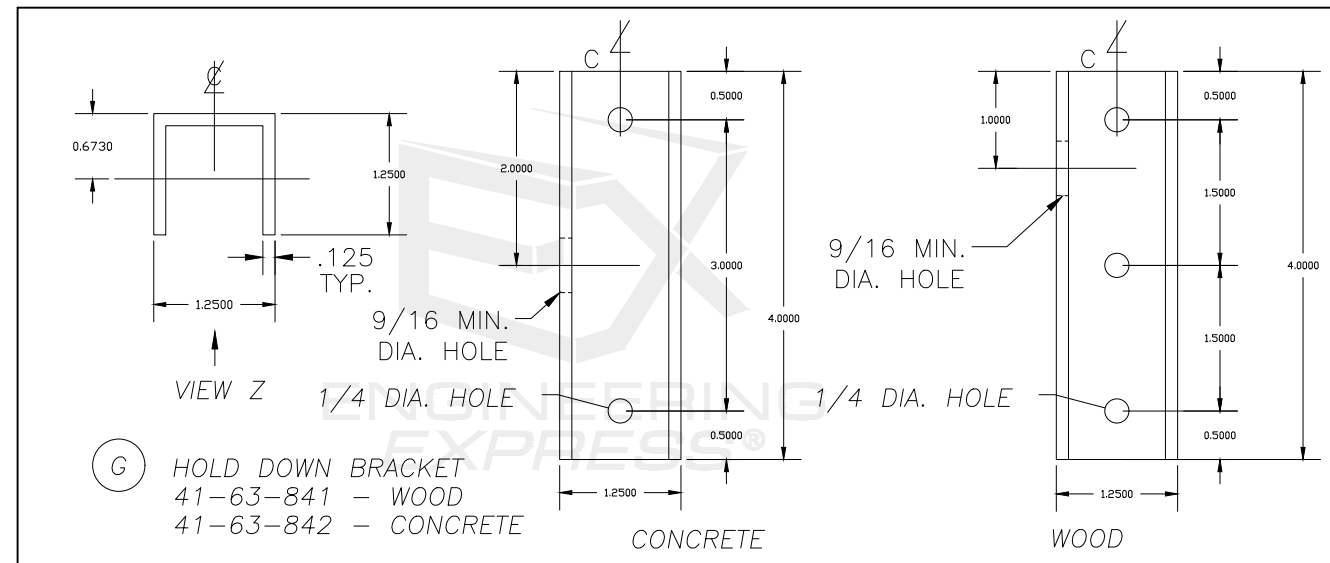
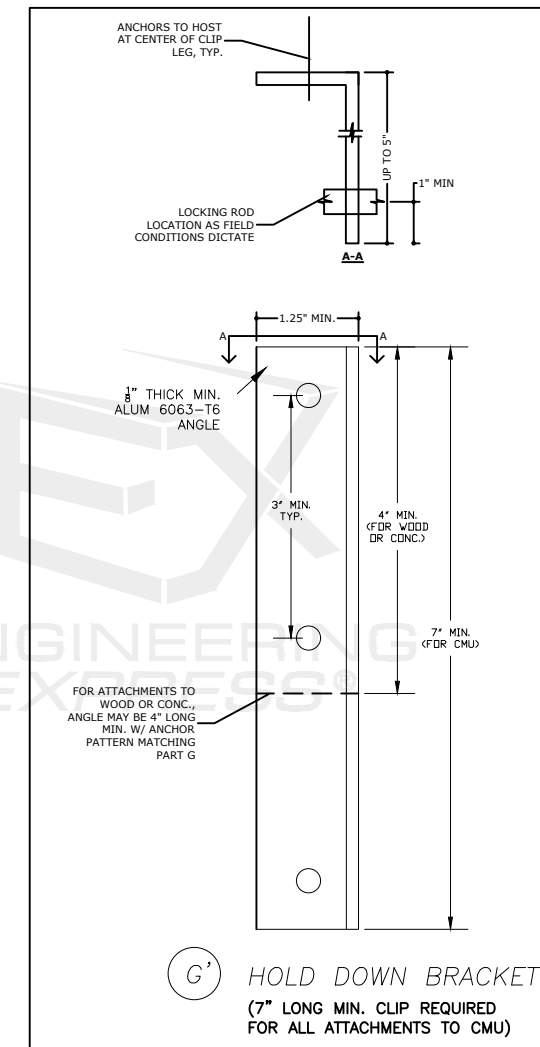
1. $\frac{1}{4}$ " DEWALT ULTRA CON (OR EQUIV.) W/ 1.75"
EMBED. (WOOD, CONC., OR CMU)
2. $\frac{1}{4}$ " X $1\frac{7}{16}$ " DEWALT PANELMATE INSERT W/ 1.63"
EMBED. (WOOD, CONC., OR CMU)
3. $\frac{1}{4}$ " X $\frac{3}{4}$ " ALL POINTS (HILLMAN GROUP) SOLID-SET
W/ $\frac{3}{4}$ " EMBED. (CONC. OR CMU ONLY)

CASE	WOOD** SOUTHERN PINE #2	POURED CONCRETE (3 KSI MIN)	HOLLOW OR GROUT FILLED CMU* (MED. WT. C-90 MIN.)
I	# ANCHORS = 3; ANCHOR OPTIONS: 1 OR 2	# ANCHORS = 2; ANCHOR OPTIONS: 1, 2 OR 3	# ANCHORS = 3; ANCHOR OPTIONS: 1, 2 OR 3
II & III	# ANCHORS = 3; ANCHOR OPTIONS: 1 OR 2	# ANCHORS = 2; ANCHOR OPTIONS: 1, 2 OR 3	# ANCHORS = 3; ANCHOR OPTIONS: 1, 2 OR 3

****NOTE: $\frac{1}{4}$ WOOD SCREWS (OR EQUIV.) W/ EQUAL EMBED. MAY BE USED IN LIEU OF ANCHOR OPTION 1**

FOR ALL $\frac{1}{4}$ " AND $\frac{5}{16}$ " DIAMETER ANCHOR OPTIONS LISTED IN THE ANCHOR SCHEDULES, AN EQUIVALENT DIAMETER HILLMAN/ALL-POINTS SOLID-SET ANCHOR (CARBON OR STAINLESS STEEL) MAY BE USED IN LIEU OF THE OPTION(S) LISTED SO LONG AS THE LISTED MINIMUM EMBEDMENT, EDGE DISTANCE AND SPACING ARE ACHIEVED.

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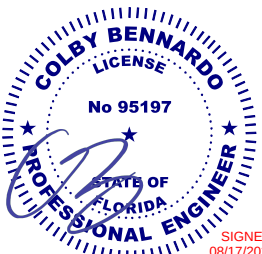
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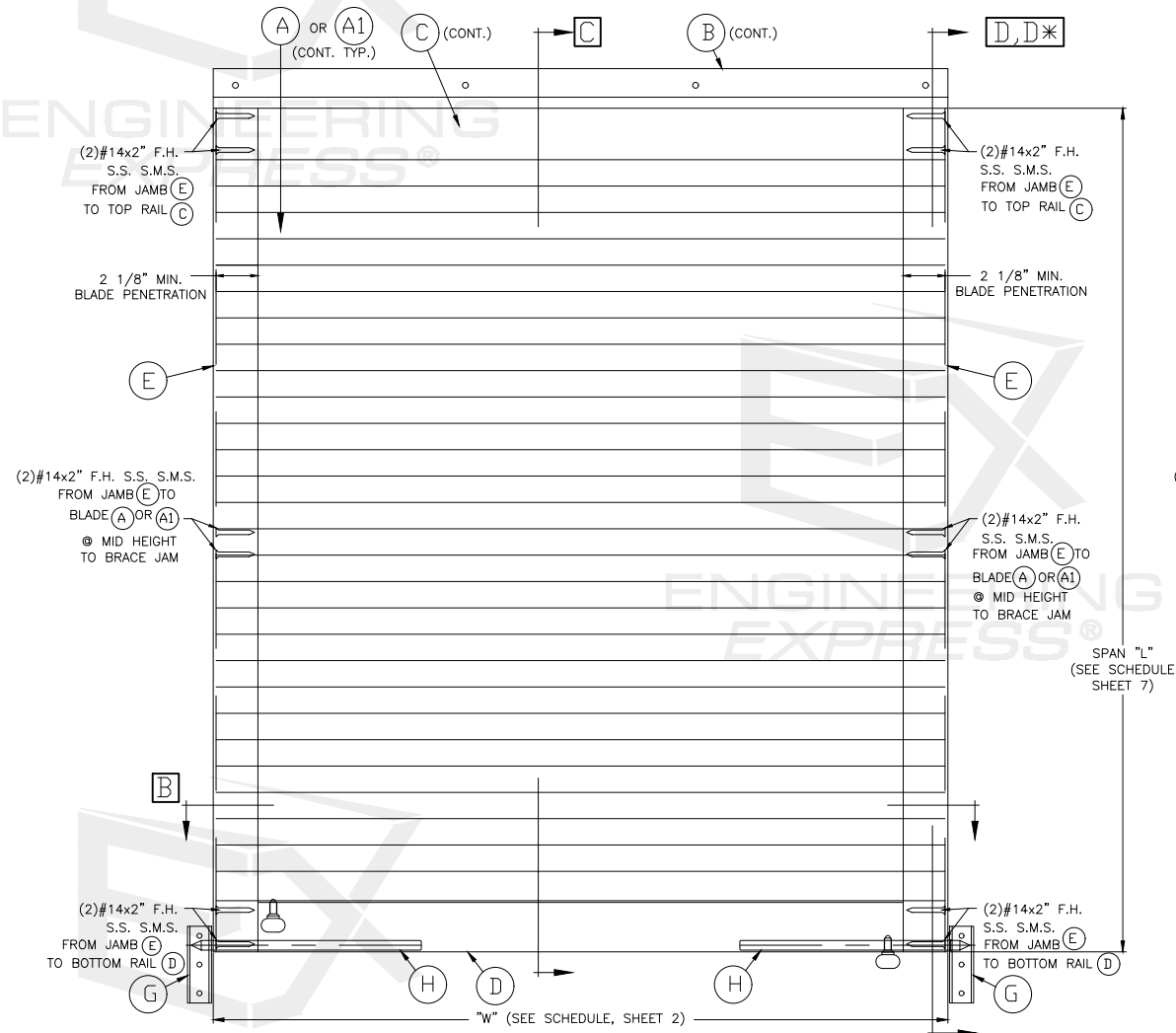
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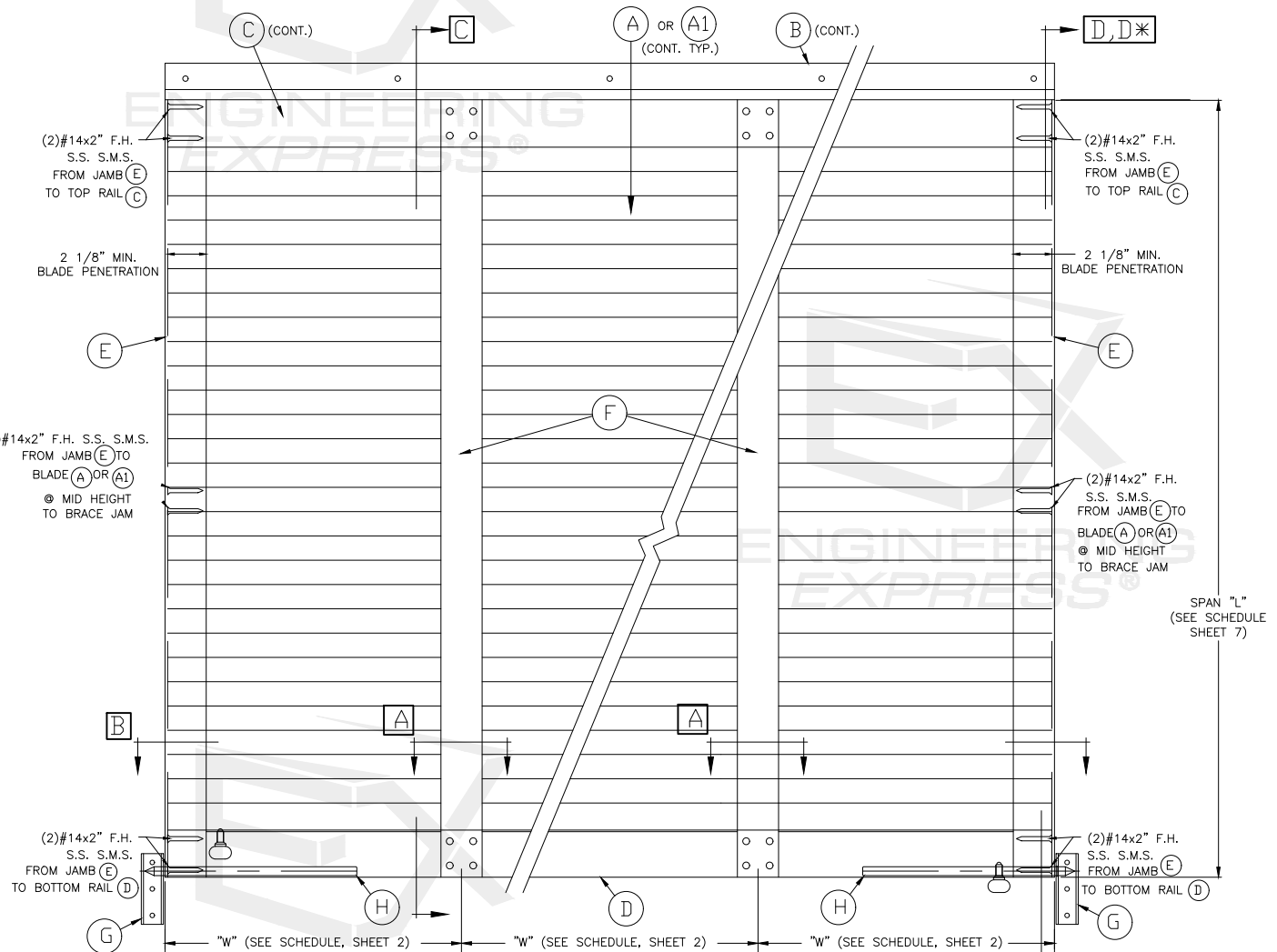
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WOOD SUBSTRATE
CONCRETE OR CONCRETE BLOCK SUBSTRATE
SINGLE UNITS: CASE I



WOOD SUBSTRATE
CONCRETE OR CONCRETE BLOCK SUBSTRATE
MULTIPLE UNITS: CASES II & III

EXTERIOR ELEVATIONS FOR INSTALLATIONS
WITH EXTERIOR LOCKING ROD H FIXATION

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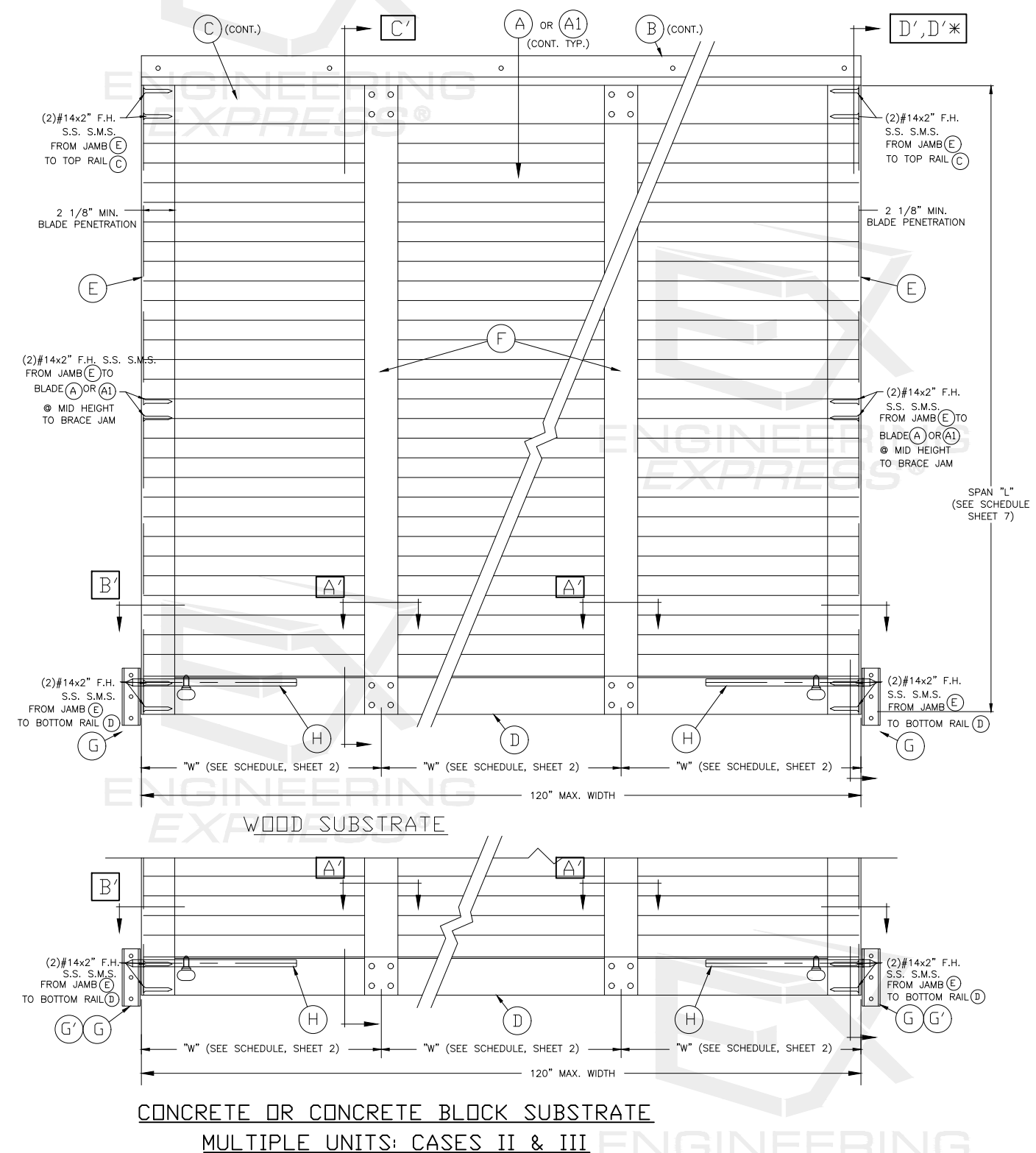
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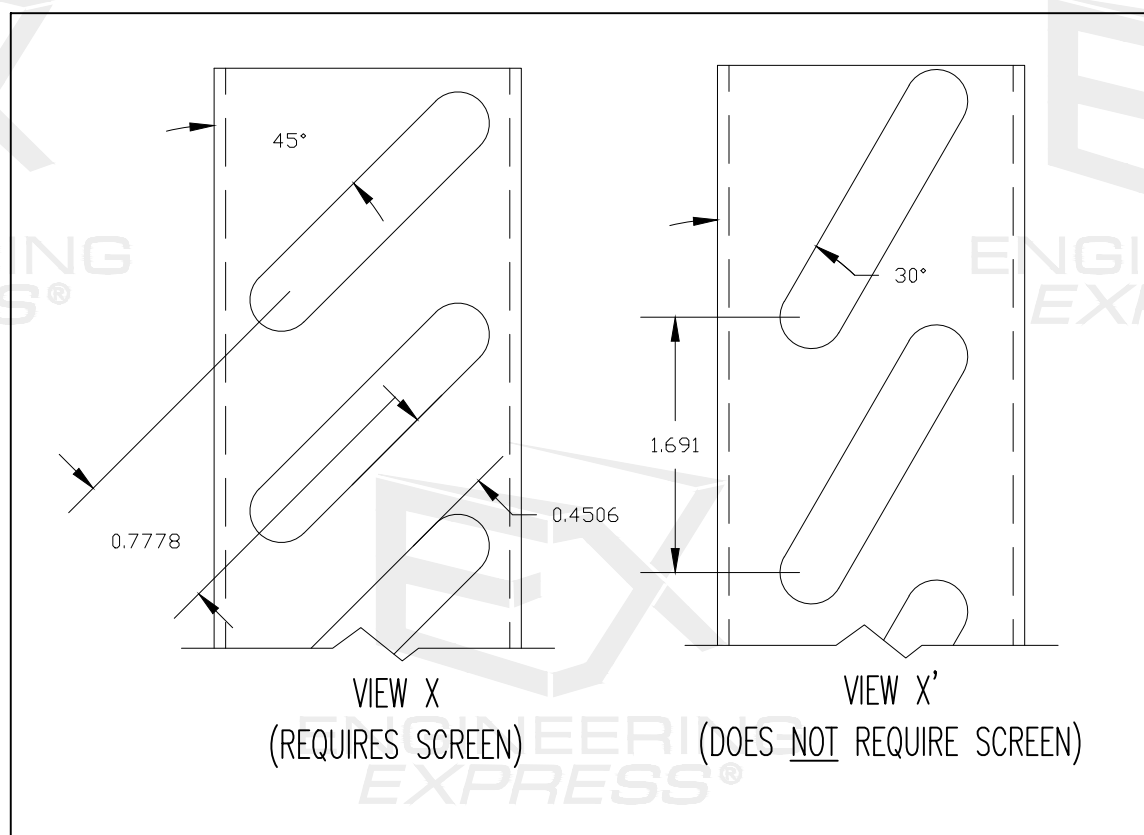
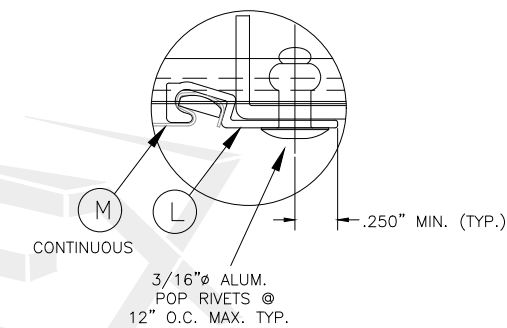
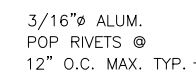
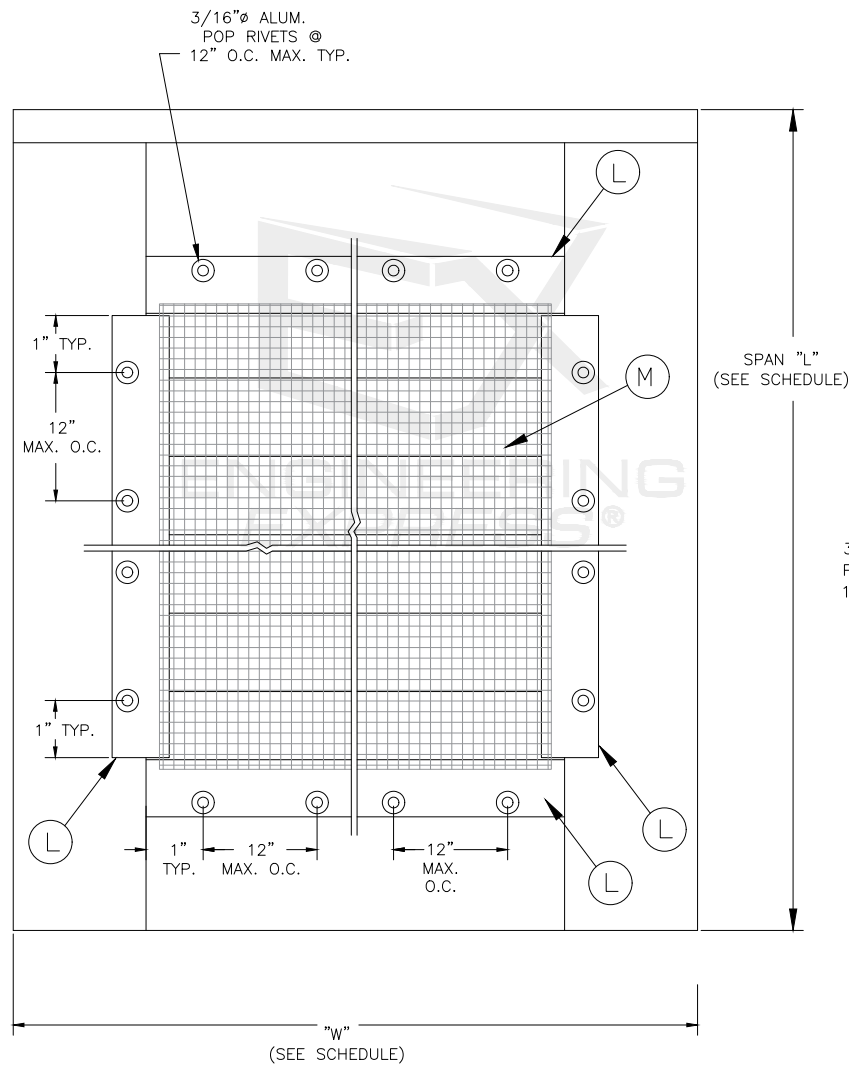
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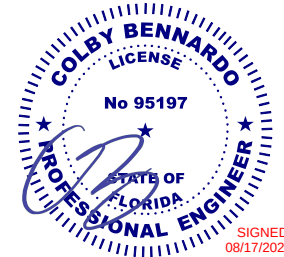
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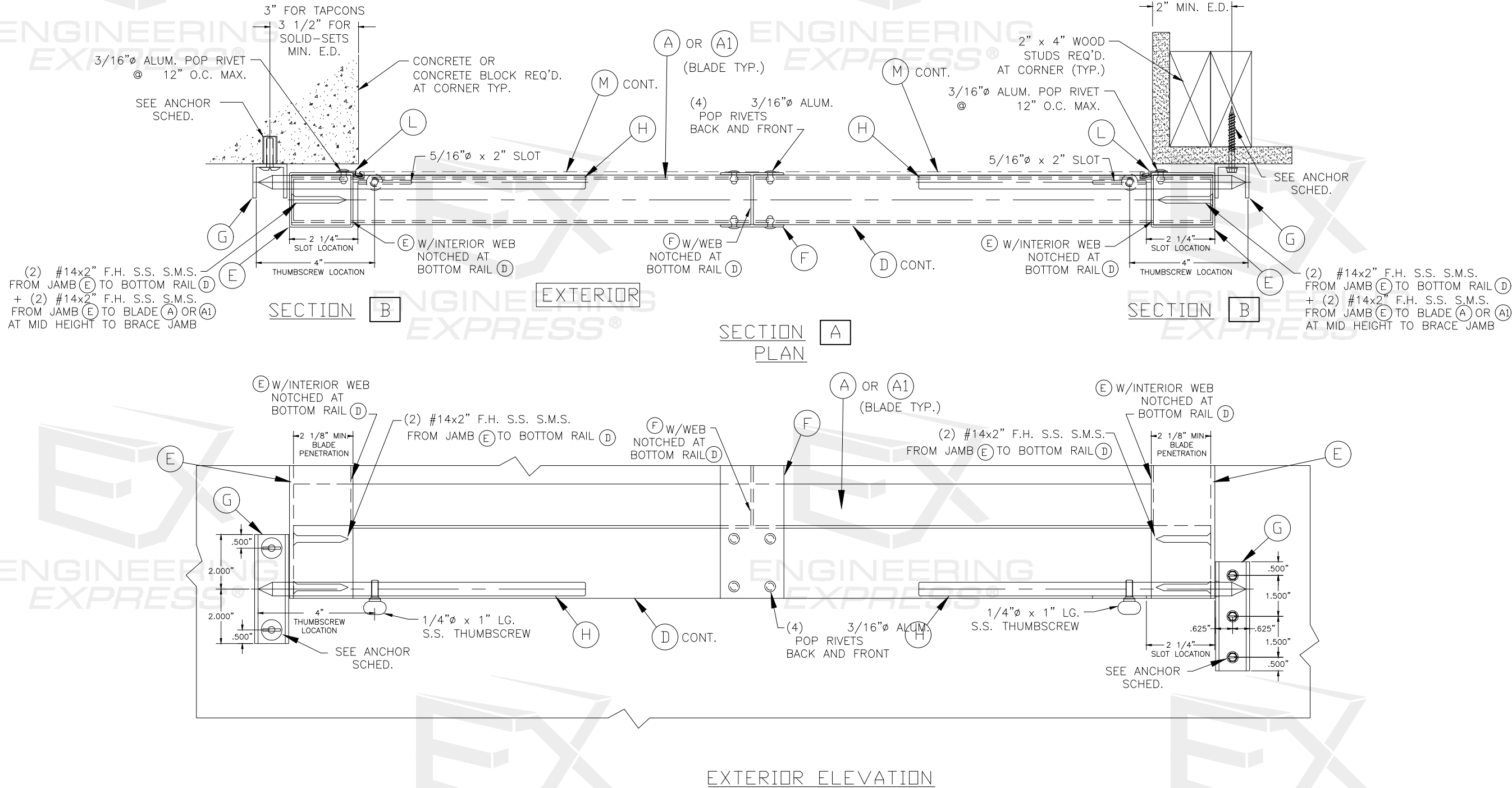
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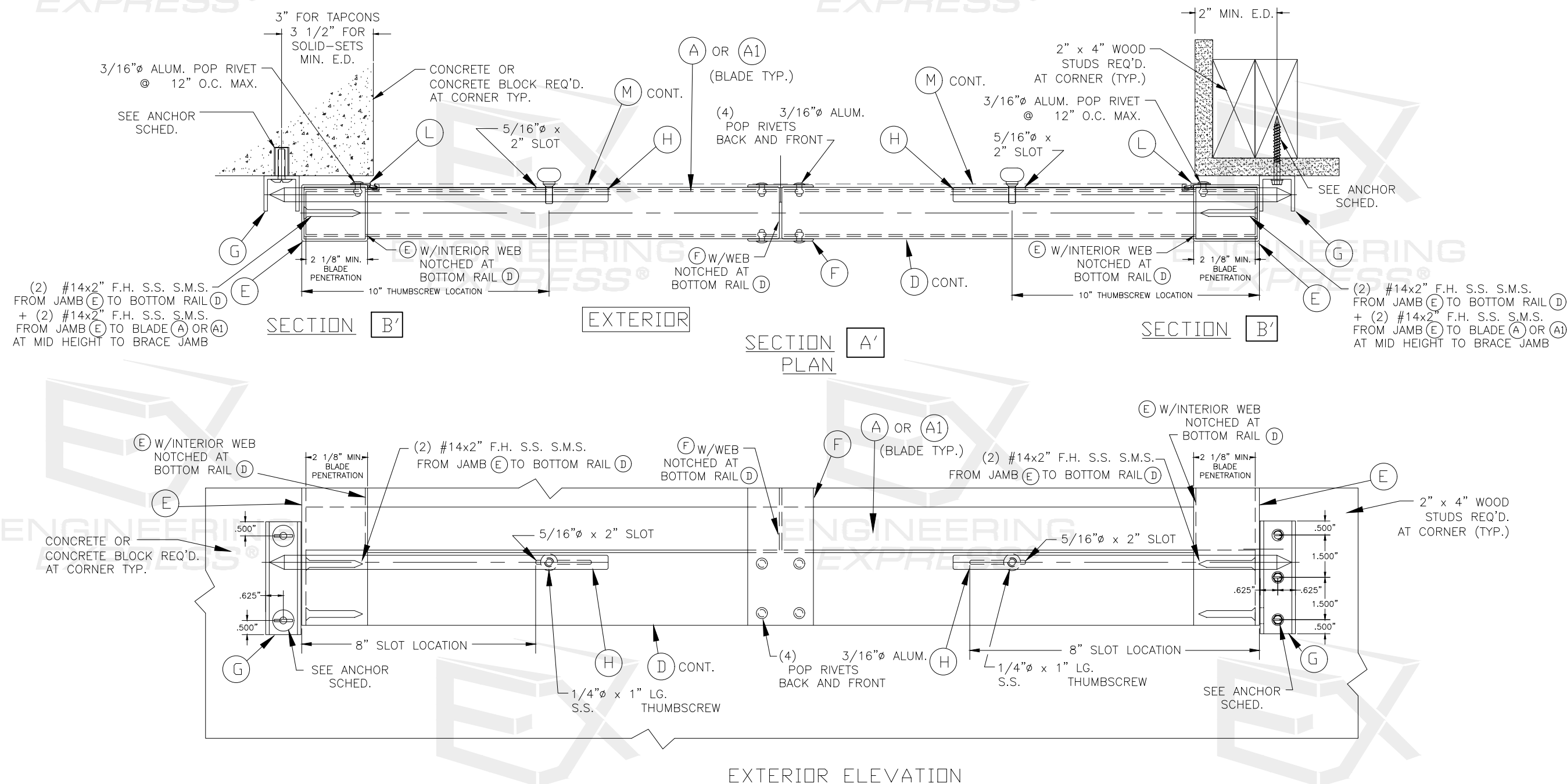
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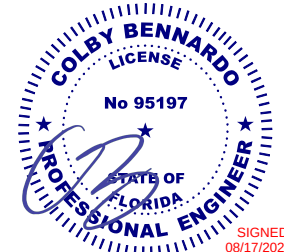
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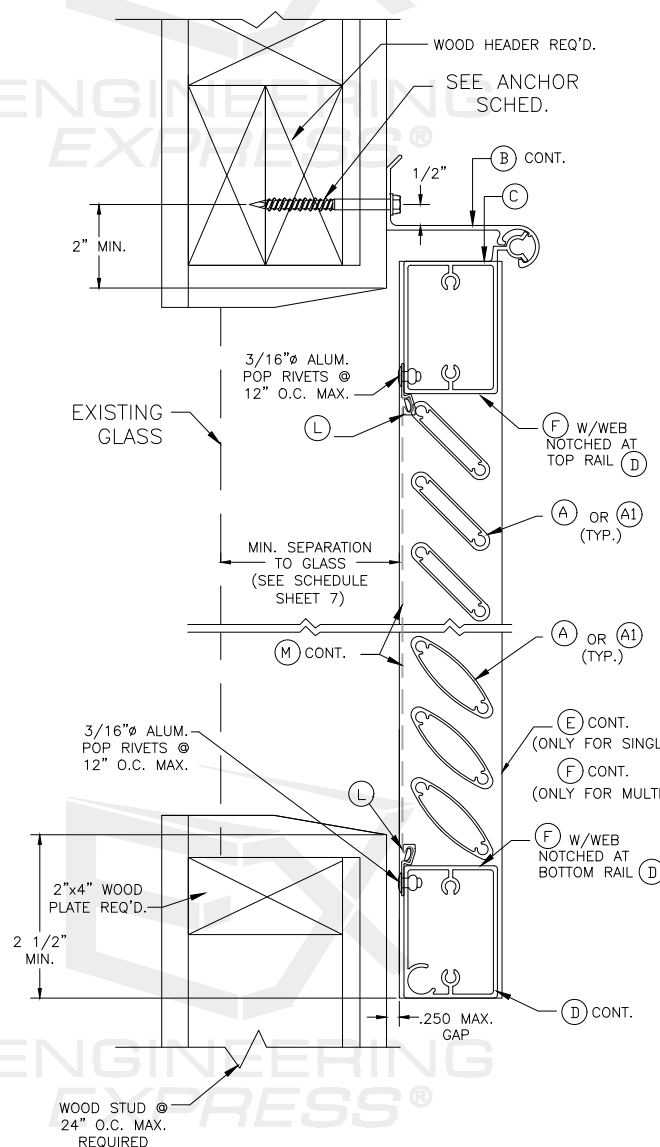
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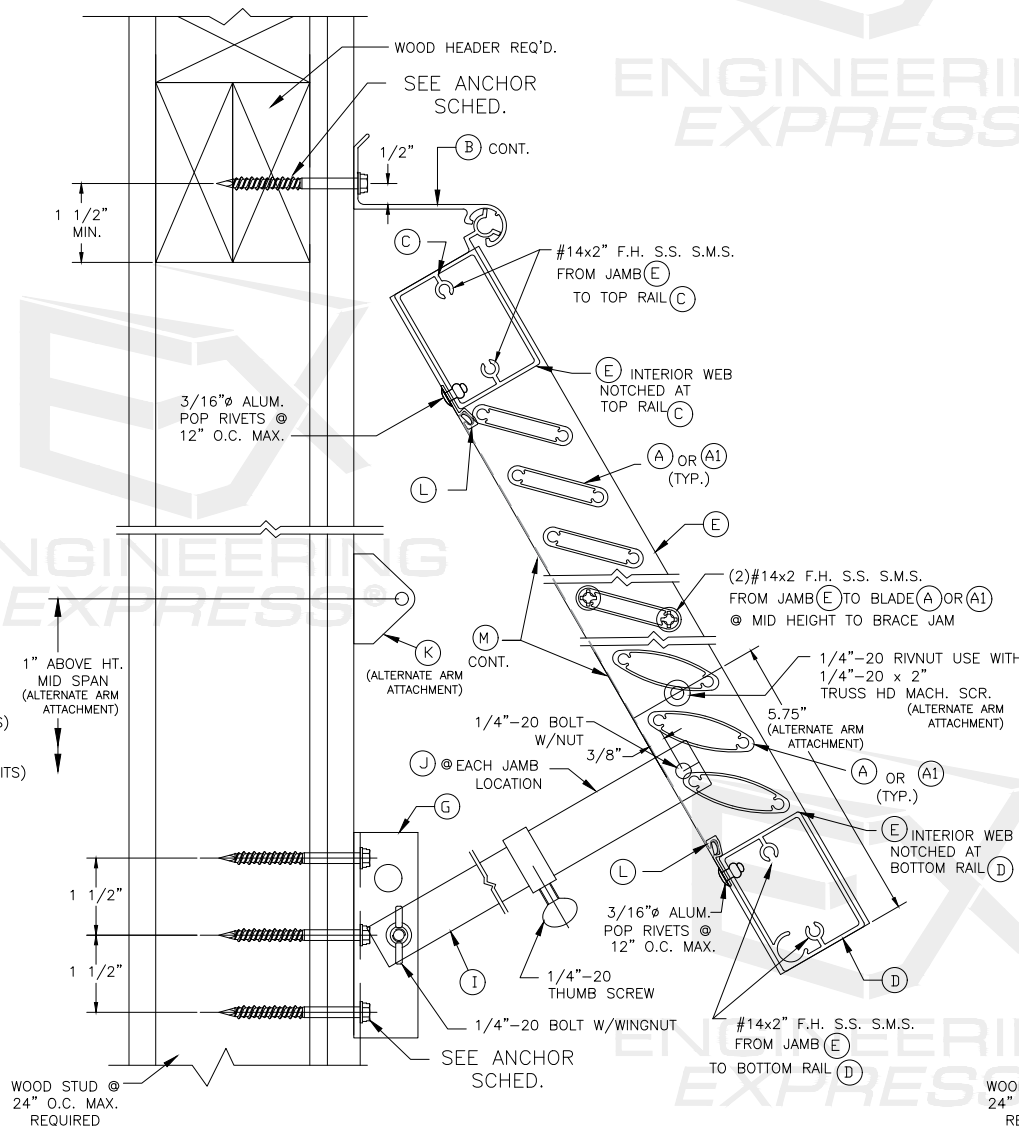
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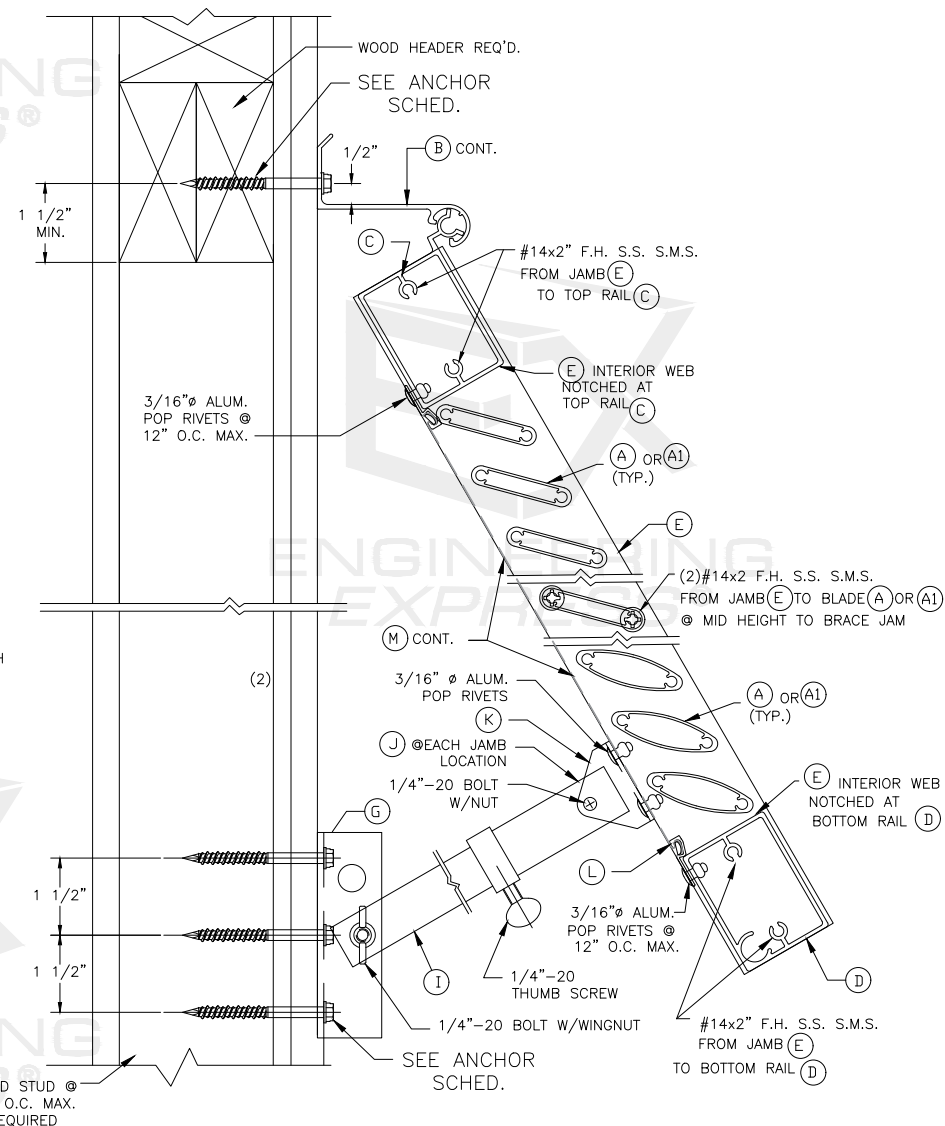
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HURRICANE POSITION



SECTION D
(WALL MOUNT)
NON-HURRICANE POSITION

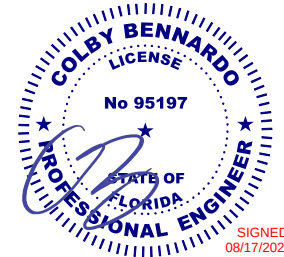
SIDE
MOUNT

CONNECTION TO WOOD WITH EXTERIOR
LOCKING ROD H FIXATION



SECTION D*
(WALL MOUNT)
NON-HURRICANE POSITION

INSIDE
MOUNT



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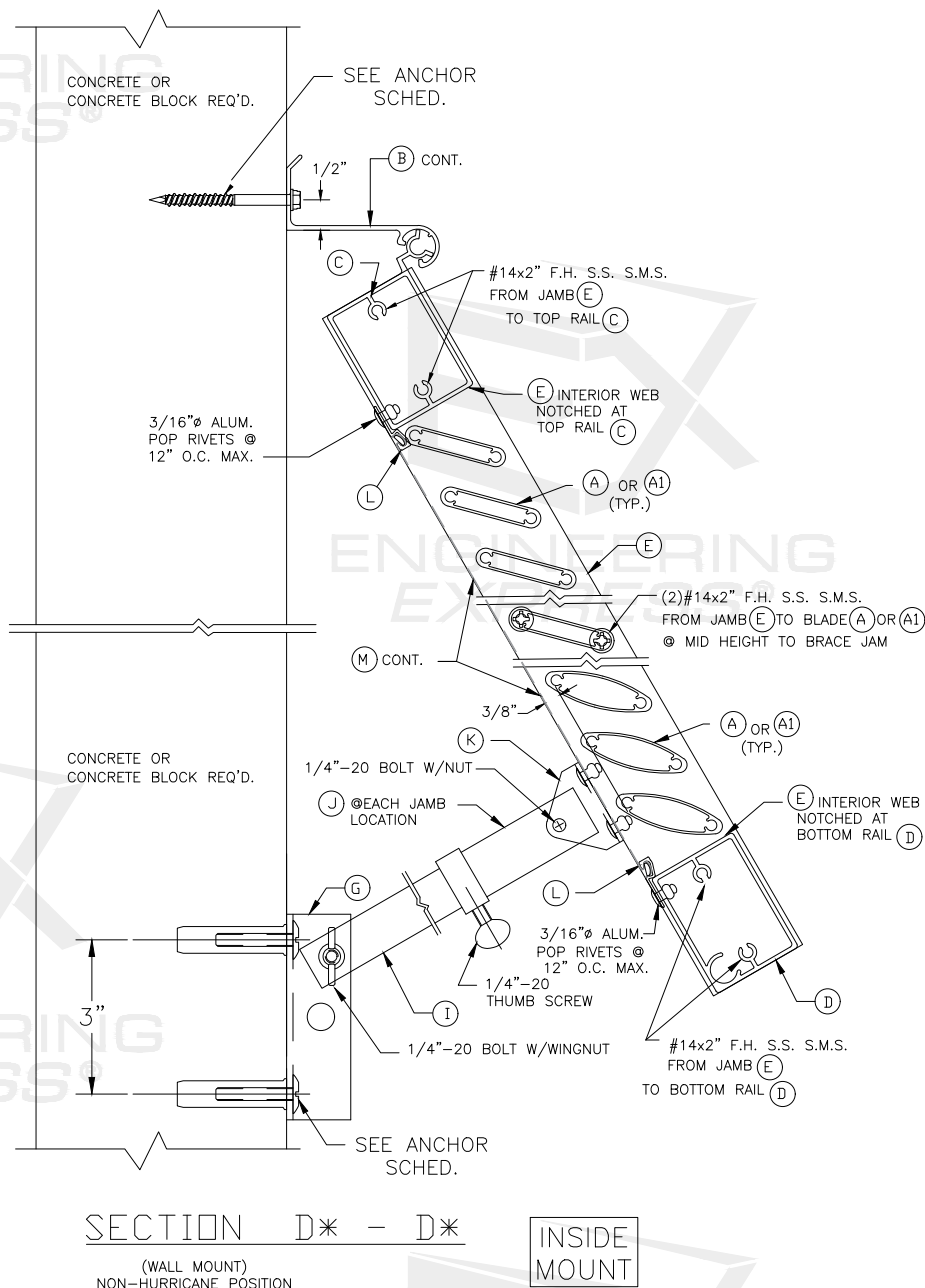
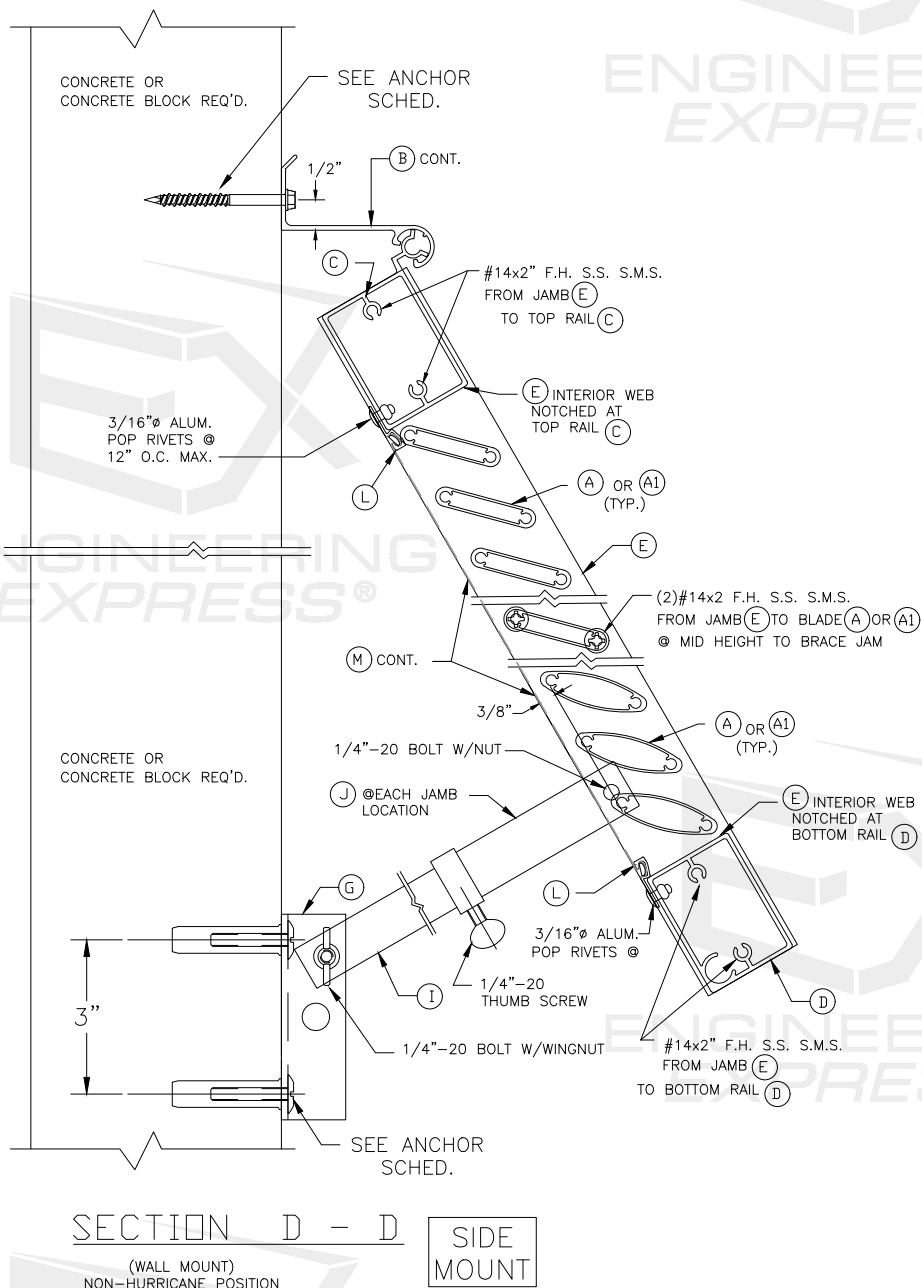
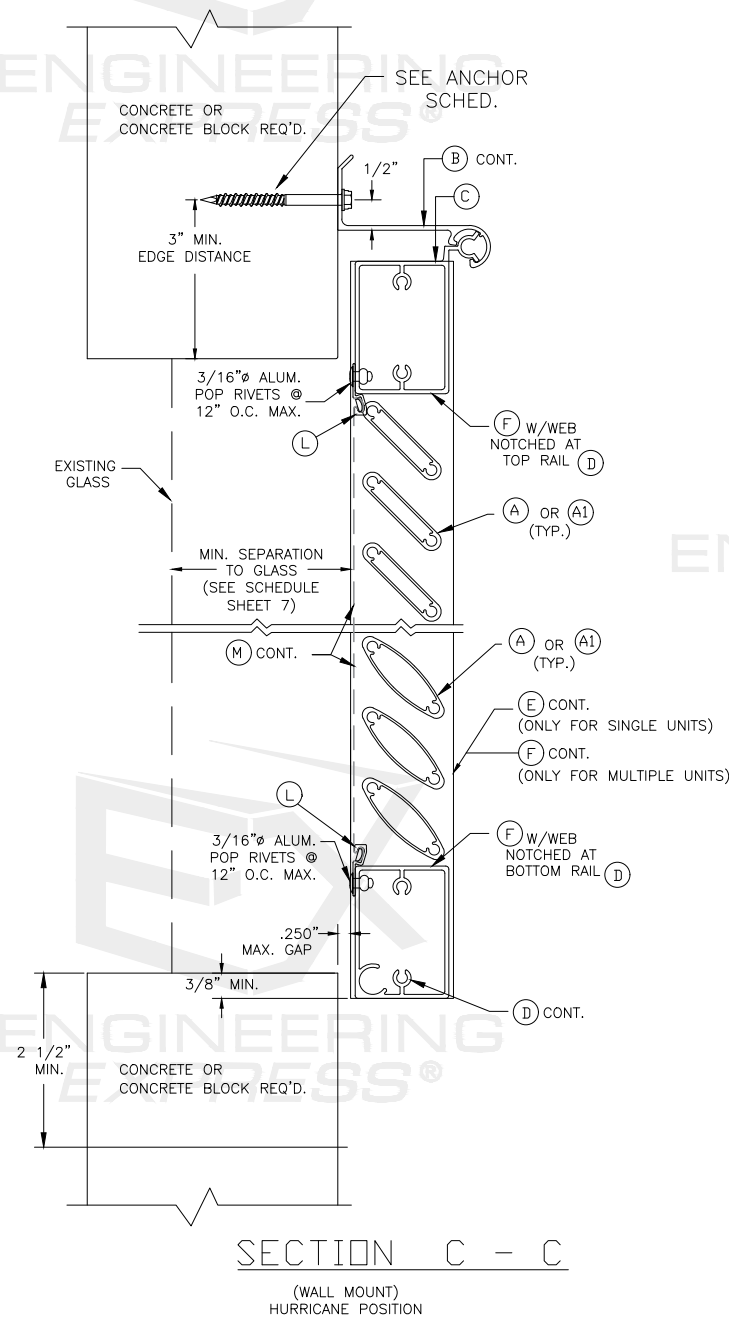
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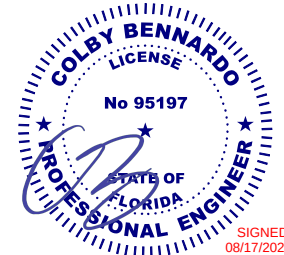
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CONNECTION TO CONCRETE OR CONCRETE BLOCK
WITH EXTERIOR LOCKING ROD H FIXATION



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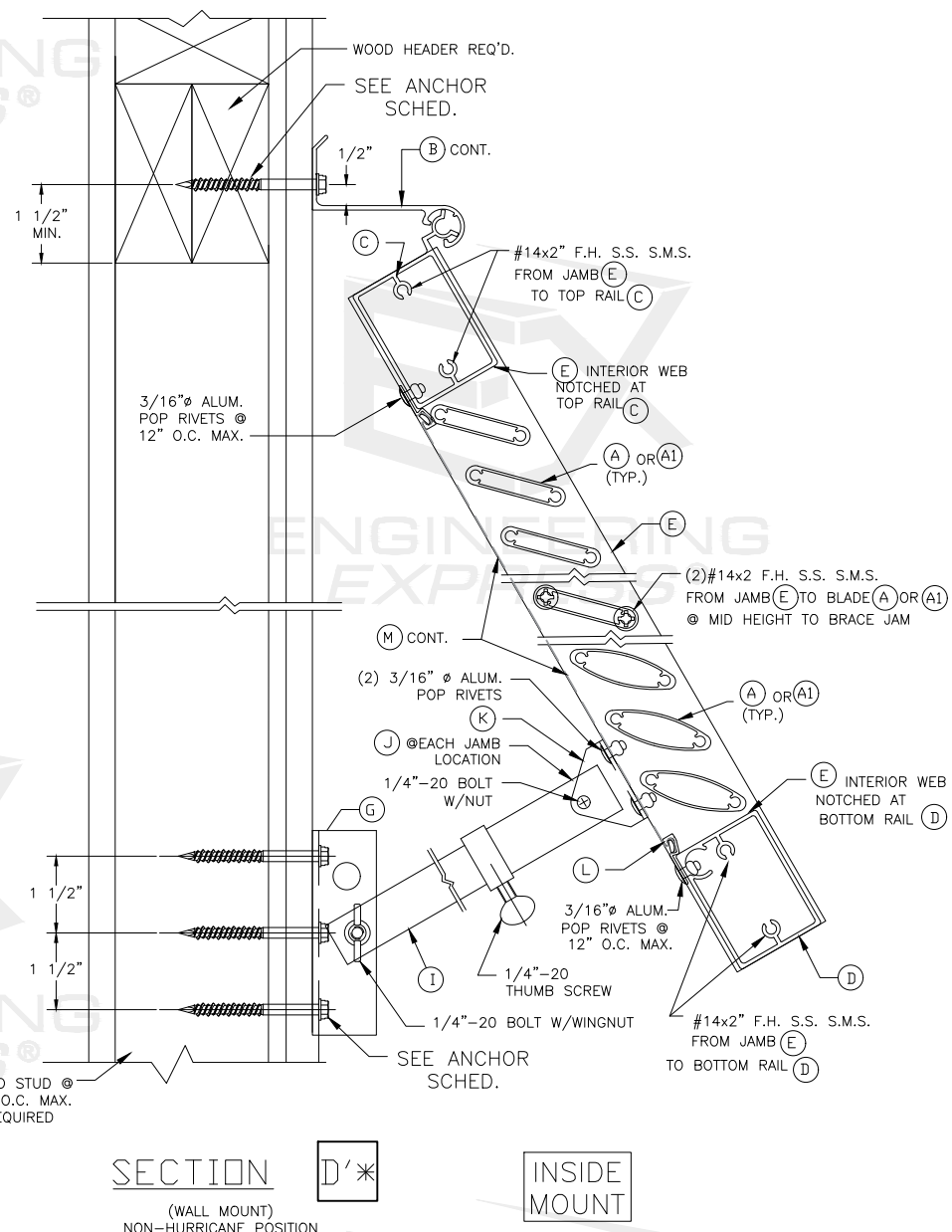
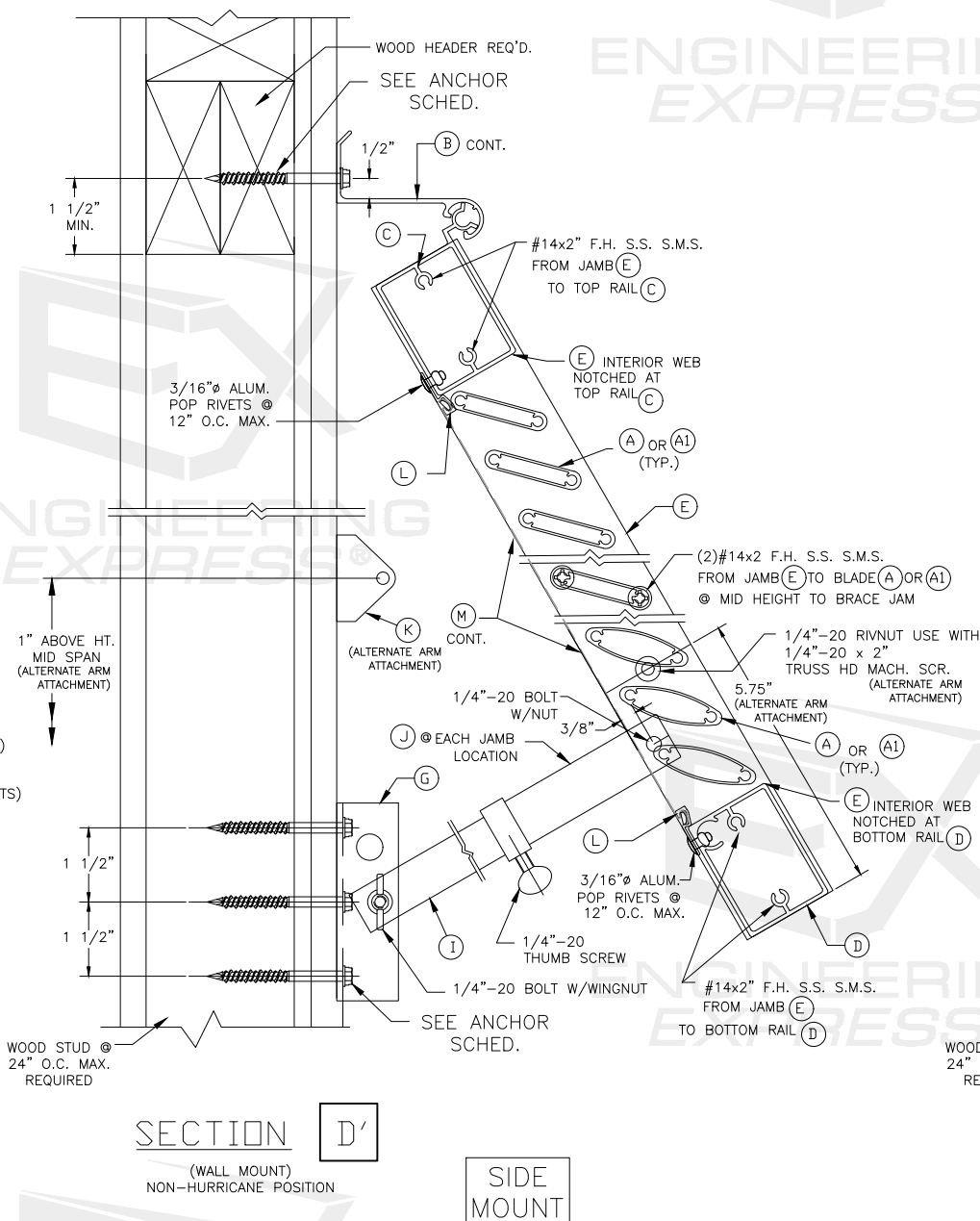
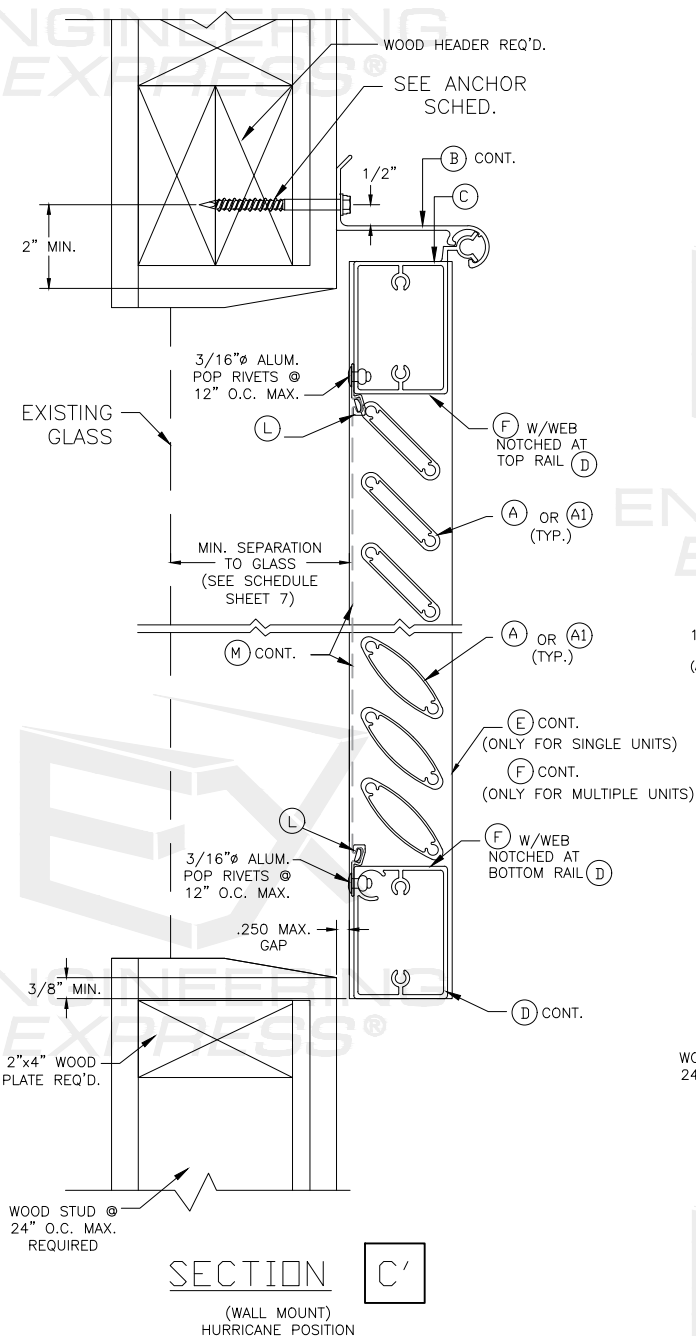
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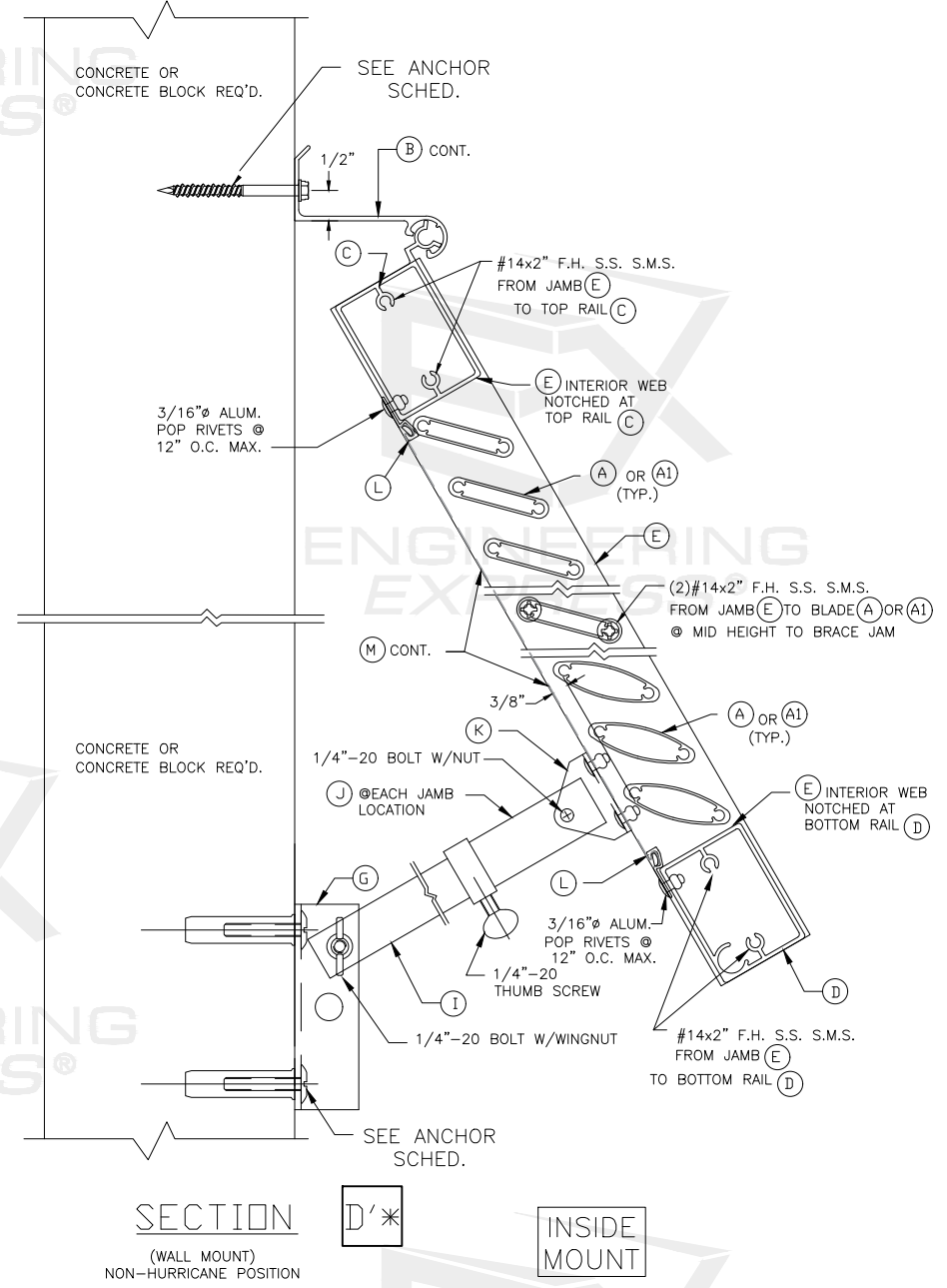
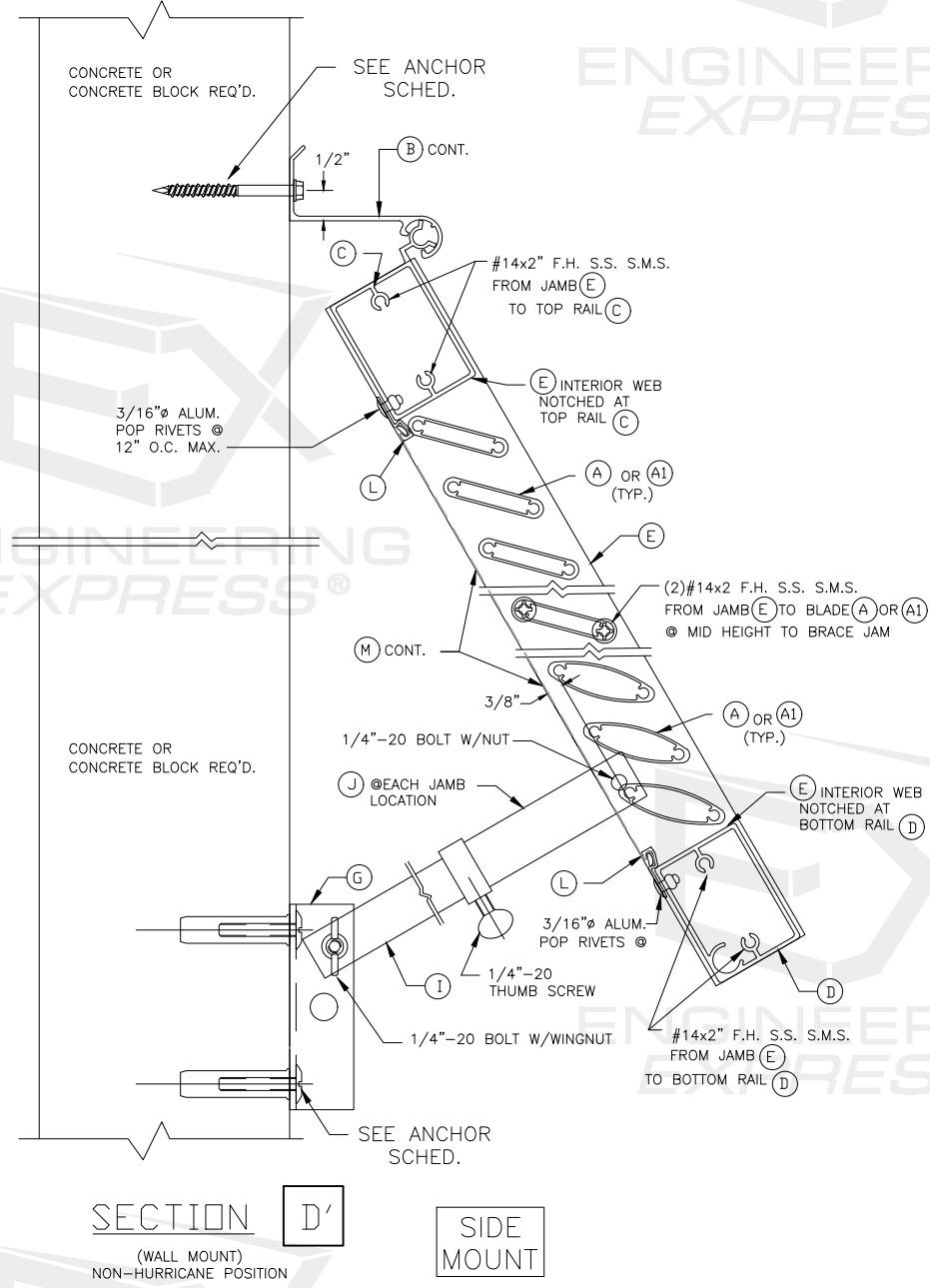
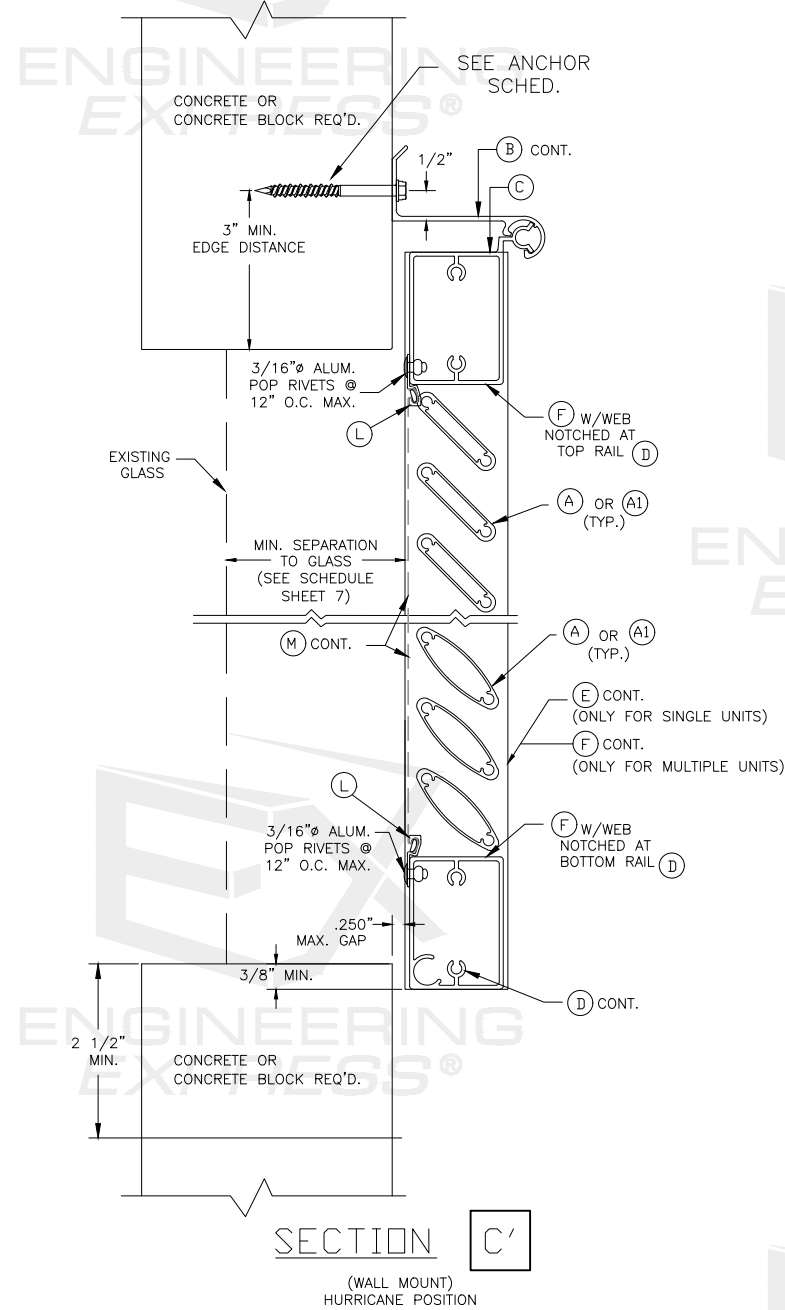
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